

Sandia Vista Elementary School

Rio Rancho, NM

Dekker/Perich/Sabatini
architecture interiors landscape planning engineering



85,000sf public elementary school for 800 students*

Green adaptation of a previous prototype school

- Expected to use 30% less energy than typical
- High efficiency rooftop mechanical system
- Increased wall and roof insulation
- Efficient glazing and good daylighting
- Dual flush toilets and waterless urinals will use 50% less water indoors
- Recycled, regional, and low-emitting materials
- Anticipating LEED Silver certification

Sandia Vista Elementary School

* Energy Use Intensity (EUI) = 78.9 kBtu/sf/yr

* Percent CO₂ reduction = 45%

* ENERGY STAR design rating = 92

Annual Savings Statistics (compared to an average building EPA rating of 50)

* Energy savings = 5,601,387.5 kBtu

* CO₂ savings = 317.1 tons CO₂

*Sandia Vista is currently under construction. This photo is of the previous school which served as the prototype for Sandia Vista.